

10720910 CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10720910 on January 13, 2005

Original Classifications

7 47/59R  
3 347/86  
2 47/58.1R  
2 47/62R  
2 47/63  
2 47/64  
2 47/65.5  
2 423/220  
2 588/3

Cross-Reference Classifications

4 47/58.1R  
4 47/64  
3 47/DIG 3  
2 47/18  
2 47/62R  
2 47/65  
2 47/73  
2 47/77  
2 47/84  
2 71/64.13  
2 71/900  
2 95/235  
2 106/672  
2 106/718  
2 106/733  
2 210/673  
2 210/721  
2 250/506.1  
2 264/45.3  
2 264/51  
2 423/224  
2 423/573.1  
2 428/76  
2 521/56  
2 588/15  
2 588/16  
2 588/252  
2 588/9  
2 976/DIG 394

Combined Classifications

7 47/59R

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6 47/58.1R  
6 47/64  
4 47/62R  
4 347/86  
3 47/73  
3 47/77  
3 47/DIG 3  
2 47/18  
2 47/41.12  
2 47/56  
2 47/63  
2 47/65  
2 47/65.5  
2 47/74  
2 47/78  
2 47/79  
2 47/80  
2 47/84  
2 71/24  
2 71/64.13  
2 71/900  
2 95/235  
2 106/672  
2 106/718  
2 106/733  
2 210/673  
2 210/721  
2 250/506.1  
2 264/45.3  
2 264/51  
2 423/220  
2 423/224  
2 423/573.1  
2 428/71  
2 428/76  
2 521/56  
2 521/60  
2 588/15  
2 588/16  
2 588/252  
2 588/3  
2 588/9  
2 976/DIG 394

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Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10720910 on January 13, 2005

7	47/59R	(7 OR, 0 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
6	47/58.1R	(2 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/58.1R	PROCESS
6	47/64	(2 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/64	.Porous support
4	47/62R	(2 OR, 2 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/62R	.Nutrient recirculation system (e.g., hydroponic system)
4	347/86	(3 OR, 1 XR)
	Class 347 :	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
	347/1	INK JET
	347/84	.Fluid or fluid source handling means
	347/85	..Fluid supply system
	347/86	...Cartridge
3	47/73	(1 OR, 2 XR)
	Class 047 :	PLANT HUSBANDRY
	47/65.5	RECEPTACLE FOR GROWING MEDIUM
	47/73	.For transplanting
3	47/77	(1 OR, 2 XR)
	Class 047 :	PLANT HUSBANDRY
	47/65.5	RECEPTACLE FOR GROWING MEDIUM
	47/73	.For transplanting
	47/77	..Seedling
3	47/DIG 3	(0 OR, 3 XR)
	Class 047 :	PLANT HUSBANDRY
	47/DIG 3	Propagation of plant by cuttings
2	47/18	(0 OR, 2 XR)

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	Class	047 :	PLANT HUSBANDRY
	47/18		BENCH OR ELEVATED BED, HOTBED
2	47/41.12	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/41.01		FLOWER HOLDER
	47/41.12		.Stem forced into penetratable holder
2	47/56	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/56		SEED TAPE OR MAT, METHOD OR APPARATUS
2	47/63	(2 OR, 0 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/59R		WATER CULTURE, APPARATUS OR METHOD
	47/63		.Individual support
2	47/65	(0 OR, 2 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65		DYNAMIC PLANT RECEPTACLE TRANSPORT, APPARATUS OR METHOD
2	47/65.5	(2 OR, 0 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65.5		RECEPTACLE FOR GROWING MEDIUM
2	47/74	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65.5		RECEPTACLE FOR GROWING MEDIUM
	47/73		.For transplanting
	47/74		..Biodegradable
2	47/78	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65.5		RECEPTACLE FOR GROWING MEDIUM
	47/73		.For transplanting
	47/78		..Mesh
2	47/79	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65.5		RECEPTACLE FOR GROWING MEDIUM
	47/79		.Irrigator
2	47/80	(1 OR, 1 XR)	
	Class	047 :	PLANT HUSBANDRY
	47/65.5		RECEPTACLE FOR GROWING MEDIUM
	47/79		.Irrigator
	47/80		..Porous member or crock

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2 47/84 (0 OR, 2 XR)  
 Class 047 : PLANT HUSBANDRY  
 47/65.5 RECEPTACLE FOR GROWING MEDIUM  
 47/84 .With shipment package

2 71/24 (1 OR, 1 XR)  
 Class 071 : CHEMISTRY: FERTILIZERS  
 71/1 PROCESSES AND PRODUCTS  
 71/11 .Organic material-containing  
 71/23 ..From vegetation  
 71/24 ...Peat, humus material, coal, etc.

2 71/64.13 (0 OR, 2 XR)  
 Class 071 : CHEMISTRY: FERTILIZERS  
 71/1 PROCESSES AND PRODUCTS  
 71/64.01 .Forms or conditioning  
 71/64.13 ..Forms having structure, e.g., particle size,  
 dimensions, etc.

2 71/900 (0 OR, 2 XR)  
 Class 071 : CHEMISTRY: FERTILIZERS  
 71/900 FOAMS

2 95/235 (0 OR, 2 XR)  
 Class 095 : GAS SEPARATION: PROCESSES  
 95/149 LIQUID CONTACTING (E.G., SORPTION, SCRUBBING,  
 ETC.)  
 95/230 .Inorganic gas, liquid particle, or solid  
 particle sorbed (e.g., vapor, mist, dust,  
 etc.)  
 95/235 ..Sulfur or sulfur containing compound sorbed

2 106/672 (0 OR, 2 XR)  
 Class 106 : COMPOSITIONS: COATING OR PLASTIC  
 106/638 .Inorganic settable ingredient containing  
 106/672 ..Hollow, foam, cellular or porous material  
 containing or method of forming cellular or  
 porous product

2 106/718 (0 OR, 2 XR)  
 Class 106 : COMPOSITIONS: COATING OR PLASTIC  
 106/638 .Inorganic settable ingredient containing  
 106/713 ..Portland type cement  
 106/718 ...Soil, diatomaceous earth, clay, slate or  
 shale, containing or material for treating

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soil or earth

(e.g., soil stabilization, etc.)

2 106/733 (0 OR, 2 XR)

Class 106 : COMPOSITIONS: COATING OR PLASTIC

106/638 .Inorganic settable ingredient containing

106/713 ..Portland type cement

106/733 ...Titanium, vanadium, chromium, molybdenum,  
tungsten, manganese, iron, copper, zinc, ti

n or lead

compound containing (Ti, V, Cr, Mo, W, Mn,

Fe, Cu, Zn, Sn,

Pb)

2 210/673 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION

210/600 PROCESSES

210/660 .Ion exchange or selective sorption

210/670 ..Including rehabilitating or regenerating  
exchange material or sorbent

210/673 ...Utilizing gas, water, or chemical oxidizing  
or reducing agent

2 210/721 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION

210/600 PROCESSES

210/702 .Making an insoluble substance or accreting  
suspended constituents

210/721 ..Including oxidation

2 250/506.1 (0 OR, 2 XR)

Class 250 : RADIANT ENERGY

250/505.1 RADIATION CONTROLLING MEANS

250/506.1 .Shielded receptacles for radioactive sources

2 264/45.3 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES

264/41 PORE FORMING IN SITU (E.G., FOAMING, ETC.)

264/45.1 .Composite article making

264/45.3 ..Incorporating particulate material, fibers,  
or batts in a random distribution within a

foamed body

2 264/51 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES

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264/41	PORE FORMING IN SITU (E.G., FOAMING, ETC.)
264/51	.By gas forming or expanding
2 423/220	(2 OR, 0 XR)
Class 423	: CHEMISTRY OF INORGANIC COMPOUNDS
423/210	MODIFYING OR REMOVING COMPONENT OF NORMALLY GASEOUS MIXTURE
423/220	.Carbon dioxide or hydrogen sulfide component
2 423/224	(0 OR, 2 XR)
Class 423	: CHEMISTRY OF INORGANIC COMPOUNDS
423/210	MODIFYING OR REMOVING COMPONENT OF NORMALLY GASEOUS MIXTURE
423/220	.Carbon dioxide or hydrogen sulfide component
423/224	..By oxidizing or burning component
2 423/573.1	(0 OR, 2 XR)
Class 423	: CHEMISTRY OF INORGANIC COMPOUNDS
423/511	SULFUR OR COMPOUND THEREOF
423/567.1	.Elemental sulfur
423/571	..Reacting a sulfide
423/573.1	...Hydrogen sulfide
2 428/71	(1 OR, 1 XR)
Class 428	: STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/68	SHEET INCLUDING COVER OR CASING
428/71	.Foamed or expanded material encased
2 428/76	(0 OR, 2 XR)
Class 428	: STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/68	SHEET INCLUDING COVER OR CASING
428/76	.Complete cover or casing
2 521/56	(0 OR, 2 XR)
Class 521	: SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
521/50	.CELLULAR PRODUCTS OR PROCESSES OF PREPARING A CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.
521/56	..Particle which is expandible, process of preparing an expandible particle, or process of expanding a particle to form a cellular product
2 521/60	(1 OR, 1 XR)
Class 521	: SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

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OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A  
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHA  
NNELS, ETC.

521/56 ..Particle which is expandible, process of  
preparing an expandible particle, or proce  
ss of expanding a

521/60 ...Adding expanding agent subsequent to solid  
polymer formation

2 588/15 (0 OR, 2 XR)

Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
CONTAINMENT

588/1 DESTRUCTION OR CONTAINMENT OF RADIOACTIVE WAST

E

588/2 .By fixation in stable solid media

588/15 ..Metal containing

2 588/16 (0 OR, 2 XR)

Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
CONTAINMENT

588/1 DESTRUCTION OR CONTAINMENT OF RADIOACTIVE WAST

E

588/16 .Surrounding with specified material or  
structure

2 588/252 (0 OR, 2 XR)

Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
CONTAINMENT

588/249 CONTAINMENT

588/252 .Solidification, vitrification, or cementation

2 588/3 (2 OR, 0 XR)

Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
CONTAINMENT

588/1 DESTRUCTION OR CONTAINMENT OF RADIOACTIVE WAST

E

588/2 .By fixation in stable solid media

588/3 ..Cement, concrete, or hydraulic setting

2 588/9 (0 OR, 2 XR)

Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
CONTAINMENT



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DESTRUCTION OR CONTAINMENT OF RADIOACTIVE WAST

E

588/1

588/2

.By fixation in stable solid media

588/9

..Clay or claylike

2 976/DIG 394 (0 OR, 2 XR)

Class 976 : NUCLEAR TECHNOLOGY

976/DIG 375

DECONTAMINATION ARRANGEMENTS; TREATING  
RADIOACTIVELY CONTAMINATED MATERIAL [G21F

-9/00]

976/DIG 391

.Treating solids [G21F-9/28]

976/DIG 394

..Disposal of solid waste [G21F-9/34]

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PLUS Search Results for S/N 10720910, Searched January 13, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4880606

6447681

6329465

5870854

4355484

4468885

4858381

4517764

5983564

6056949

4788792

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5544447

5670020

6029589

6070358

4874589

5275544

4406855

6206513

6206514

6431696

6467890

4937973

4034507

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4114316

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4959926

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5209014  
5367822  
5471786  
5615519  
5927006  
5979111  
6088958  
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10720910\_QUAL

4880606	65
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6329465	64
5870854	64
4355484	64
4468885	64
4858381	64
4517764	63
5983564	60
6056949	60
4788792	60
4908984	59
5544447	59
5670020	56
6029589	56
6070358	56
4874589	56
5275544	56
4406855	56
6206513	56
6206514	56
6431696	56
6467890	56
4937973	56
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4074997	56
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4369599	56
4403446	56
4803803	56
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4959926	56
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5471786	56
5615519	56
5927006	56
5979111	56
6088958	56
6293045	56
5819186	56
6046374	56
5178821	55
4504534	55
4837751	55

10720910\_QUAL

4908393 55  
5024865 55